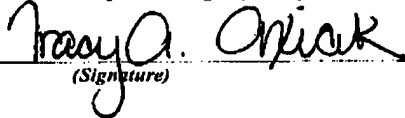


SEP 27 2004

<b>CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)</b> Applicant(s): <b>LaBarge, et al.</b>			Docket No. <b>DP-303157</b>
Application No. <b>09/747,370</b>	Filing Date <b>December 21, 2000</b>	Examiner <b>Tran, Hien Thi</b>	Group Art Unit <b>1764</b>
Invention: <b>CATALYST SUBSTRATE HAVING IMPROVED THERMAL DURABILITY</b>			
<p>I hereby certify that this <u>Amendment Transmittal Letter (1 page) and Amendment (10 pages)</u>  <small>(Identify type of correspondence)</small></p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>(703) 872-9306</u>)</p> <p>on <u>September 27, 2004</u>  <small>(Date)</small></p> <div style="text-align: right; margin-top: 20px;"> <u>Tracy A. Axiak</u>  <small>(Typed or Printed Name of Person Signing Certificate)</small>    <small>(Signature)</small> </div> <p style="text-align: center; margin-top: 40px;"> <b>Note: Each paper must have its own certificate of mailing.</b> </p>			

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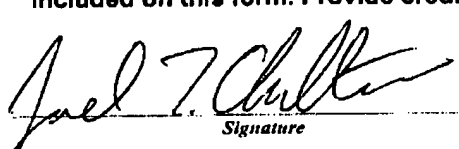

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PAGE 2

SEP 27 2004

<b>AMENDMENT TRANSMITTAL LETTER (Large Entity)</b>					Docket No. <b>DP-303157</b>	
Applicant(s): <b>LaBarge, et al.</b>						
Application No. <b>09/747,370</b>	Filing Date <b>December 21, 2000</b>	Examiner <b>Tran, Hien Thi</b>	Customer No.	Group Art Unit <b>1764</b>	Confirmation No. <b>8629</b>	
Invention: <b>CATALYST SUBSTRATE HAVING IMPROVED THERMAL DURABILITY</b>						
<b>COMMISSIONER FOR PATENTS:</b>						
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.						
<b>CLAIMS AS AMENDED</b>						
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE	
TOTAL CLAIMS	18 -	20 =	0 x	\$18.00	\$0.00	
INDEP. CLAIMS	4 -	4 =	0 x	\$86.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00	
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>					<b>\$0.00</b>	
<input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account <b>06-1130</b> <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17. <input type="checkbox"/> Payment by credit card. Form PTO-2038.						
<b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>						
 _____ Signature			Dated: <b>September 27, 2004</b>			
<b>Joel T. Charlton</b> <b>Registration No. 52,721</b> <b>Cantor Colburn, LLP</b> <b>55 Griffin Road South</b> <b>Bloomfield, CT 06002</b>			<div style="border: 1px solid black; padding: 5px;">             I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on <u>September 27, 2004</u>.              (Date)                _____              Signature of Person Mailing Correspondence  <b>Tracy A. Axlak (via facsimile no. 703-872-9306)</b>              Typed or Printed Name of Person Mailing Correspondence           </div>			
CC:						

P11LARGE/REV08

DP-303157

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SEP 27 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants:	LaBarge, et al.	)	
		)	Group Art Unit: 1764
Serial No.:	09/747,370	)	
		)	
Filed:	December 21, 2000	)	Examiner: Tran, Hien Thi
		)	
For:	CATALYST SUBSTRATE	)	
	HAVING IMPROVED THERMAL	)	
	DURABILITY	)	

**VIA FACSIMILE: (703) 872-9306**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

This Amendment is submitted in response to the Non-final Office Action dated June 25, 2004. Please amend the Application as follows: